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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
1290.00

Complete if Known

Application Number	09/420,086
Filing Date	10/18/1999
First Named Inventor	WARREN M. FARNWORTH
Examiner Name	PAREKH, NITIN
Art Unit	2811
Attorney Docket No.	98-0105.01

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: **07-1857** Deposit Account Name: **Stephen A. Gratton**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues) **Fee (\$)** **Fee (\$)**
50 25

Each independent claim over 3 (including Reissues) **Fee (\$)** **Fee (\$)**
200 100

Multiple dependent claims **Fee (\$)** **Fee (\$)**
360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Small Entity
22	- 20 or HP = 2	x 50	= 100	Fee (\$)	Fee (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
5	- 3 or HP = 2	x 200	= 400	Fee (\$)	Fee Paid (\$)

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____ = _____	Fee (\$)	Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): **RCE Filing Fee** **790** **Fees Paid (\$)**

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 28,418	Telephone 303 989 6353
Name (Print/Type)	Stephen A. Gratton	Date 6-29-2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Warren M. Farnworth
Alan G. Wood

Serial No. 09/420,086 ART UNIT: 2811

Filing Date: 10/18/1999 EXAMINER: Parekh, Nitin

For: Semiconductor Component
Having Conductive Layer With
Conductors And Grooves (As Amended)

Attorney Docket No. 98-105.01

**AMENDMENT SUBMITTED WITH REQUEST FOR CONTINUED
EXAMINATION (RCE) UNDER 37 CFR 1.114**

June 29, 2005

Mail Stop RCE
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment is in response to the Office Action dated 03/31/2005, having a statutory period for response set to expire on 06/30/2005. Please amend the application as follows.

07/07/2005 WASFAW1 00000043 09420086

02 FC:1201
03 FC:1202

400.00 OP
100.00 OP